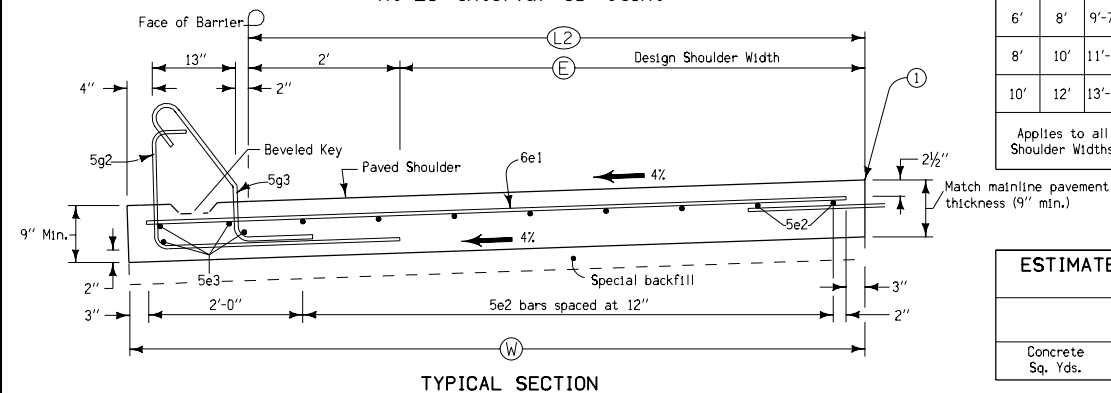
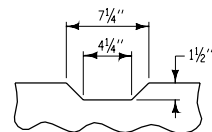


PLAN VIEW
At 20' Interval 'CD' Joint

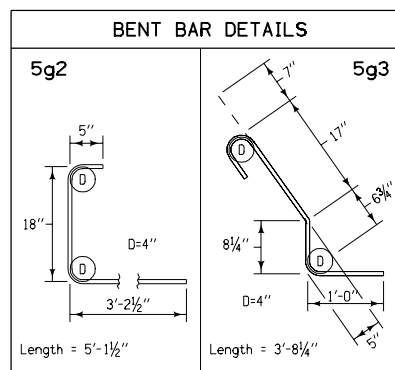


TYPICAL SECTION



Note:
Use 2 x 8 lumber 8" long to make keys.
Keys are to be placed at 2'-8" centers.

"BEVELED KEY" CONSTRUCTION JOINT DETAILS



REINFORCING BAR LIST							
Per Shoulder Panel (Approximately 20 Linear Feet)							
Dimensions			Bar	Number of Bars	Length	Spacing	
(E)	(L2)	(W)					
2'	4'	5'-7"	6e1	18	5'-1"	12"	
			5e2	4	18'-0"	12"	
4'	6'	7'-7"	6e1	18	7'-1"	12"	
			5e2	6	18'-0"	12"	
6'	8'	9'-7"	6e1	18	9'-1"	12"	
			5e2	8	18'-0"	12"	
8'	10'	11'-7"	6e1	18	11'-1"	12"	
			5e2	10	18'-0"	12"	
10'	12'	13'-7"	6e1	18	13'-1"	12"	
			5e2	12	18'-0"	12"	
Applies to all Shoulder Widths			5e3	4	18'-8"	See Drawing	
			5g2	15	5'-1 1/2"		1'-4"
			5g3	15	3'-8 1/4"		1'-4"

ESTIMATED QUANTITIES FOR SHOULDER					
Per Linear Foot					
	Width (W)				
	5'-7"	7'-7"	9'-7"	11'-7"	13'-7"
Concrete Sq. Yds.	0.62	0.84	1.06	1.29	1.51

GENERAL NOTES:

The paved shoulder shall consist of PCC Base in which Class 'C' Concrete is used.

Payment for "Special Backfill" shall be based on a uniform 6 inch thickness. The thickness may be exceeded at the Contractor's option with no compensation for the additional material.

Price bid for "Paved Shoulder, Reinforced, RE-44F(2)" shall be full compensation for construction of the paved shoulder as detailed. This shall include furnishing and placement of P.C. Concrete Pavement, required pavement joints, and epoxy coated reinforcing steel bars 5g2, 5g3, 6e1, 5e2, and 5e3.

Contract items:

Paved Shoulder, Reinforced, RE-44F(2)
Special Backfill

- ① 'L-2' or 'KT-2' Joint. When roadway pavement is existing, use 'BT-3' Joint. Refer to Standard Road Plan RH-51.
- ② Match existing joint. Place 'CD' joint in shoulder. Refer to Standard Road Plan RH-50.
- ③ 5g2 and 5g3 bars to be spaced at 1'-4".
- ④ No 'CD' joint baskets required within approximately 4' of edge of shoulder.
- ⑤ 1'-6" clear from joint line.

(E) Design Shoulder Width.

(L2) Distance from edge of traveled way to face of barrier.

(W) = (E) + 3'-7".

 Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RE-44F(2)

REVISION: Remove Reference to Rumble Strip Standard. REVISION NO. 5
REVISION DATE 10-21-03
APPROVED BY: *William J. Allen*
DESIGN/METHODS ENGINEER

REINFORCED PAVED SHOULDER
FOR CONCRETE BARRIER
(PAGE 2 OF 2)